

PATENT ABSTRACTS OF JAPAN

(11)Publication 2001-330734
number :

(43)Date of 30.11.2001
publication of
application :

(51)Int.Cl. G02B 6/00

F21V 8/00

G06T 1/00

H04N 1/04

// F21Y101:02

(21)Application 2000-380097
number :

(22)Date of 14.12.2000
filing :

(71)Applicant : TOSHIBA CORP

(72)Inventor : MOTOMIYA YOSHINORI
MAEMURA KEISUKE

(30)Priority

Priority number :	11358572	Priority date :	17.12.1999	Priority country :	JP
	2000073855		16.03.2000		JP

(54) LIGHT GUIDE BODY, LINE ILLUMINATOR AND IMAGE INPUT DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a light guide body in which light generated from a light source can be efficiently emitted to a region to be illuminated, a line illuminator and an image input device.

SOLUTION: The line illuminator is provided with the light guide body 101 composed of a rod shaped transparent member and the light source 102 arranged on an edge part in the longitudinal direction of the light guide body 101. The light guide body 101 is characterized by being equipped with scattering marks 103 scattering the light from the light source 102 being propagated inside the transparent member in directions nearly vertical to the longitudinal direction of the transparent member, a reflection plane 112 with a curved surface shape to reflect the light scattered by the scattering marks 103 inside the transparent member and a light emitting plane 113 to emit the light reflected with the reflection plane 112 outside the transparent member.

LEGAL STATUS

[Date of request for examination] 29.05.2003

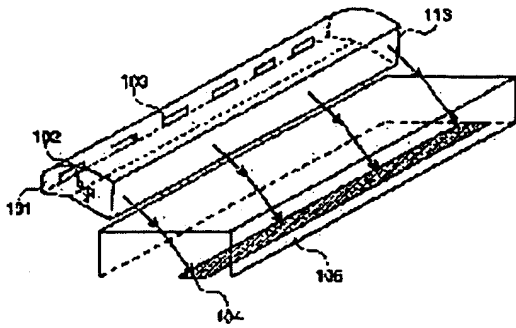
[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the
examiner's decision of rejection or application converted]

reference for KNJ-214-A

registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of
rejection]
[Date of requesting appeal against examiner's decision of
rejection]
[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office



THIS PAGE BLANK (USPTO)

THIS PAGE BLANK (USPTO)